

**What is claimed is:**

1. A print media sensor apparatus comprising:

a first adjustable sensor assembly including a first base having a first surface, said first surface including at least one protrusion and at least one recess defined thereon, a first sensor slide having an aperture formed on a surface thereof and a first sensor, said first sensor slide movably mounted in said first base for longitudinal movement of the first sensor amongst a plurality of positions within said first base, a first rotatable elongate member disposed in said base, said first rotatable elongate member configured and adapted to engage said first sensor slide;

a second adjustable sensor assembly including a second base having a first surface, said first surface including at least one protrusion and at least one recess defined thereon, a second sensor slide having an aperture formed on a surface thereof and a second sensor, said second sensor slide movably mounted in said second base for longitudinal movement of the second sensor amongst a plurality of positions within said second base, a second rotatable elongate member disposed in said second base, said second rotatable elongate member configured and adapted to engage said second sensor slide;

means for engaging said first and second rotatable elongate members; and

means for rotating at least one of said rotatable elongate members.

2. The print media sensor apparatus of claim 1, wherein the means for engaging includes at least one gear operatively coupled to each rotatable elongate member.

3. The print media sensor apparatus of claim 2, wherein the at least one gear of the first rotatable elongate member is operatively coupled to the at least one gear of the second rotatable elongate member.

5 4. The print media sensor apparatus of claim 1, wherein the means for rotating includes at least one motor operatively coupled to at least one of the rotatable elongate members.

5. In an apparatus having first and second print media sensor mounting assemblies, each sensor mounting assembly having a housing and a sensor mounting element with a sensor  
10 position movably mounted therein for movement of the sensor position between a multiplicity of predetermined finite positions corresponding to a width of a particular print media, wherein the sensor mounting element is structured and arranged to be locked in each predetermined finite position, the improvement comprising:

at least one protrusion disposed on a first surface of each assembly; and

15 at least one recess formed on said first surface, the at least one recess configured and adapted to receive the at least one protrusion wherein the at least one protrusion is slidably received by the at least one recess when the first surface of the first assembly is proximal to the first surface of the second assembly.

20 6. The apparatus of claim 5, wherein the housing comprises a base defining a slot for receiving the sensor mounting element therein.

7. The apparatus of claim 5, further comprising a sensor mounted at the sensor position.

8. The apparatus of claim 5, wherein the sensor position is securable at each predetermined position.